


Receipt date: 08/18/2009

USPTO Form 1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 64190(45120)		Serial No. 10/550,152			
INFORMATION DISCLOSURE STATEMENT				Applicant(s): Elmen et al					
				Filing Date: January 4, 2007		Group: 1642			
U.S. PATENT DOCUMENTS									
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)		
/T.V./	A1	5,898,031	4/27/1999	Crooke					
↓	A2	6,107,094	8/22/2000	Crooke					
	A3	6,506,559	1/14/2003	Fire et al.					
	A4	7,056,704	6/6/2006	Tuschl et al.					
	A5	7,078,196	7/18/2006	Tuschl et al.					
	A6	7,432,250	10/7/2008	Crooke					
	↓	A7	2004/0053875	3/18/2004	Kreutzer et al.				
FOREIGN PATENT DOCUMENTS									
Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation		
							YES	NO	
/T.V./	B1	EP0928290	3/30/2005	EP					
↓	B2	EP1214945	6/8/2005	EP			US04/0053875		
	B3	EP1407044	9/19/2007	EP					
	B4	EP1550719	12/24/2008	EP			US04/0053875		
	B1	WO99/14226	3/25/1999	PCT					
	B6	WO00/56746	9/28/2000	PCT					
	B7	WO00/56748	9/28/2000	PCT					
	B8	WO01/25248	4/12/2001	PCT					
	B9	WO02/28875	4/11/2002	PCT					
	B10	WO03/006475	1/23/2003	PCT					
	B11	WO03/070918	8/28/2003	PCT					
	B12	WO03/095467	11/20/2003	PCT					
	B13	WO2004/099387	11/18/2004	PCT					
	B14	WO2005/073378	11/8/2005	PCT					
	B15	WO2006/050734	5/18/2006	PCT					
	↓	B16	WO2007/056153	5/18/2007	PCT				
		B17	WO2007/085485	8/2/2007	PCT				

Receipt date: 08/18/2009

Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO
/T.V./	B18	WO2007/107162	9/27/2007	PCT				
/T.V./	B19	WO2008/049078	4/24/2008	PCT				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
/T.V./	C1	Birmingham et al., "3' UTR seed matches, but not overall identity, are associated with RNAi off-targets," Nature Methods (2006), 3(3):199-204						
	C2	Bramsen et al., "Improved silencing properties using small internally segmented interfering RNAs," Nucleic Acids Research (2007), 35(17):5886-5897						
	C3	Elbashir et al., "Functional anatomy of siRNAs for mediating efficient RNAi in <i>Drosophila melanogaster</i> embryo lysate," The EMBO Journal (2001), 20(23):6877-6888						
	C4	Elmen et al., "Locked nucleic acid (LNA) mediated improvements in siRNA stability and functionality," Nucleic Acids Research (2005), 33(1):439-447						
	C5	Frieden et al., "Expanding the design horizon on antisense oligonucleotides with alpha-L-LNA," Nucleic Acids Research (2003), 31(21):6365-6372						
	C6	Jackson et al., "Expression profiling reveals off-target gene regulation by RNAi," Nature Biotechnology (2003), 21(6):635-638						
	C7	Jackson et al., "Widespread siRNA "off-target" transcript silencing mediated by seed region sequence complementarity," RNA (2006), 12:1179-1187						
	C8	Kumar et al., "The First Analogues of LNA (Locked Nucleic Acids): Phosphorothioate-LNA and 2'-thio-LNA," Bioorganic & Medicinal Chemistry Letters (1998), 8:2219-2222						
	C9	Leuschner et al., "Cleavage of the siRNA passenger strand during RISC assembly in human cells," EMBO Reports (2006), 7(3):314-320						
	C10	Maiti et al., "QIP, a putative exonuclease, interacts with the Neurospora Argonaute protein and facilitates conversion of duplex siRNA into single strands," Genes & Development (2007), 21:590-600						
	C11	Matranga et al., "Passenger-Strand Cleavage Facilitates Assembly of siRNA into Ago2-Containing RNAi Enzyme Complexes," Cell (2005), 123:607-620						
	C12	Petersen et al., "LNA: a versatile tool for therapeutics and genomics," Trends in Biotechnology (2003), 21(2):74-81						
	C13	Schwarz et al., "Asymmetry in the Assembly of the RNAi Enzyme Complex," Cell (2003), 115:199-208						
	C14	Soutschek et al., "Therapeutic silencing of an endogenous gene by systemic administration of modified siRNAs," Nature (2004) 432:173-178						
EXAMINER					DATE CONSIDERED			
/Tracy Vivlemore/					06/22/2010			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</small>								
<small>**Copies of references not provided at the time of this submission.</small>								